



09/589,409

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Graydon Beatty	Examiner:	Cohen, Lee
Serial No.:	09/589,409	Group Art Unit:	3739
Filing Date:	06/07/2000	Docket No.:	1922
Title	Endocardial Mapping Catheter		

Date of Deposit: 11-21-02

I hereby certify that this paper is being deposited in the United States Postal Service, as Express mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231

Signature: \_\_\_\_\_

Mary S. KellerPrinted Name: Mary S. Keller**AMENDMENT ACCOMPANYING A  
REQUEST FOR CONTINUED EXAMINATION****RECEIVED**  
NOV 25 2002  
TECHNOLOGY CENTER R3700

Assistant Commissioner for Patents  
Washington, DC 20231

The Examiner has issued a notice of Allowance for Claims 1 through 5 which are reprinted here for the convenience of the Examiner.

**Claims as Allowed**

1. A mapping catheter for use in mapping cardiac electrical potentials of a patient's heart comprising:
  - a) a set of electrodes;
  - b) first positioning means having a maximum diameter that defines the maximum diameter for said catheter, coupled to said set of electrodes for spacing a portion of said set of electrodes, defined as a first subset of electrodes, apart from and not in contact with a surface of said patient's heart, at least one of said subset of electrodes being located proximate said maximum diameter and at least